Tiffany, Bruce

From: Cargill, Dan (ECY) [DACA461@ECY.WA.GOV]
Sent: Friday, August 25, 2006 2:11 PM
To: Beth Schmoyer; Jennie Goldberg; Tiffany, Bruce; Iris Winstanley
Subject: FW: June 2006 SW Vault Sediment Sampling Data

FYI

Dan
425-649-7023

From: Bach, Carl M [mailto:carl.m.bach@boeing.com]
Sent: Friday, August 25, 2006 2:09 PM
To: Cargill, Dan (ECY)
Cc: Power, Raymond T; Donovan, Dennis J
Subject: RE: June 2006 SW Vault Sediment Sampling Data

This oil water separator has had elevated PCB detections in the past. However this 1,200 mg/kg number is very surprising and is definitely much higher than previous detections. This separator is the one located near the corner of the GST property, and we know from previous investigations that PCBs are present in soil immediately surrounding the separator. I checked out this separator (looking down the manhole from the top) and it appears to me that this thing could be leaking since it looks very old. It is not a typical separator, as it appears to be a steel underground tank. One problem with this unit is that the outflow is blocked, and storm water apparently fills the separator but then back flows out of the inflow pipe. With the known PCBs in soil around this separator, I think we will need to take a close look at whether the storm drains will need to be routed around this unit.

From: Cargill, Dan (ECY) [mailto:DACA461@ECY.WA.GOV]
Sent: Friday, August 25, 2006 1:24 PM
To: Bach, Carl M
Subject: RE: June 2006 SW Vault Sediment Sampling Data

Thanks, Carl. Any idea about the source of the high PCBs in OWS 186?

Dan
425-649-7023

From: Bach, Carl M [mailto:carl.m.bach@boeing.com]
Sent: Friday, August 25, 2006 1:15 PM
To: Cargill, Dan (ECY)
Cc: Power, Raymond T; Kris Hendrickson; Joe Kalmar
Subject: RE: June 2006 SW Vault Sediment Sampling Data

Dan,
Thanks for the KCIA data. We will send our catch basin and storm drain analytical results to you before the meeting on the 12th. Landau is still working on the validation and presentation of the data. Our approach for sampling this time was to sample storm drain structures that have had elevated PCB detections (typically over 10 mg/kg of PCBs) sometime in the past, and to evaluate elevated phthalates in the south drain line. We found a significant concentration of PCBs in oil\water separator 186 (1,200 mg/kg dw), and elevated phthalates in the

south drain line. For the next sediment trap sampling event, we may ask to have the analytical order adjusted on some of the airport sediment traps to evaluate phthalates from drain lines leading onto the NBF site.
We cleaned all but approximately 500' of the north drain line including oil\water separator 186 before reaching the capacity of our treatment system holding tanks. We hope to resume the cleanout of the remaining sections of the north drain line later next week.
Carl

From: Cargill, Dan (ECY) [mailto:DACA461@ECY.WA.GOV]
Sent: Friday, August 25, 2006 12:36 PM
To: Bach, Carl M
Subject: FW: June 2006 SW Vault Sediment Sampling Data

Carl,

Here is the King County Airport data. It looks like the PAH values are high as well as some of the metals. Interesting find for vaults 1541 and 1640: Coprostanol, associated with sewage. Bruce Tiffany thinks it maybe associated with the mainenance facility where the trucks used to haul biosolids are parked. They are washed out at their destination, maybe not well enough.

We can talk about it more on the 12th.

Dan
425-649-7023

From: Tiffany, Bruce [mailto:Bruce.Tiffany@METROKC.GOV]
Sent: Friday, August 25, 2006 12:21 PM
To: Cargill, Dan (ECY)
Cc: Renaud, Rick
Subject: June 2006 SW Vault Sediment Sampling Data

Hi Dan;

Per your request, here is the data from the recent stormwater sediment sampling event at KCIA.

Bruce